

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

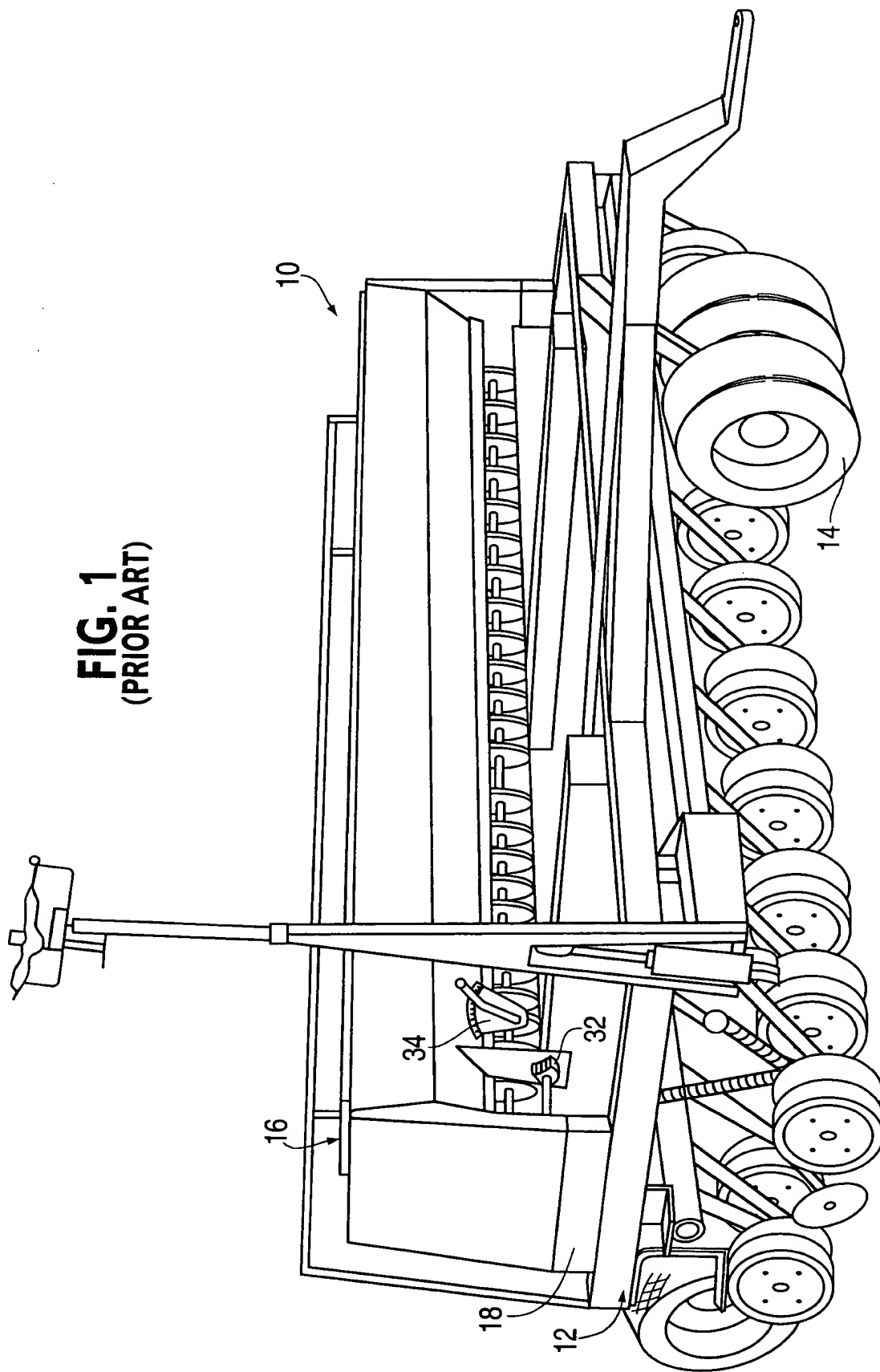
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

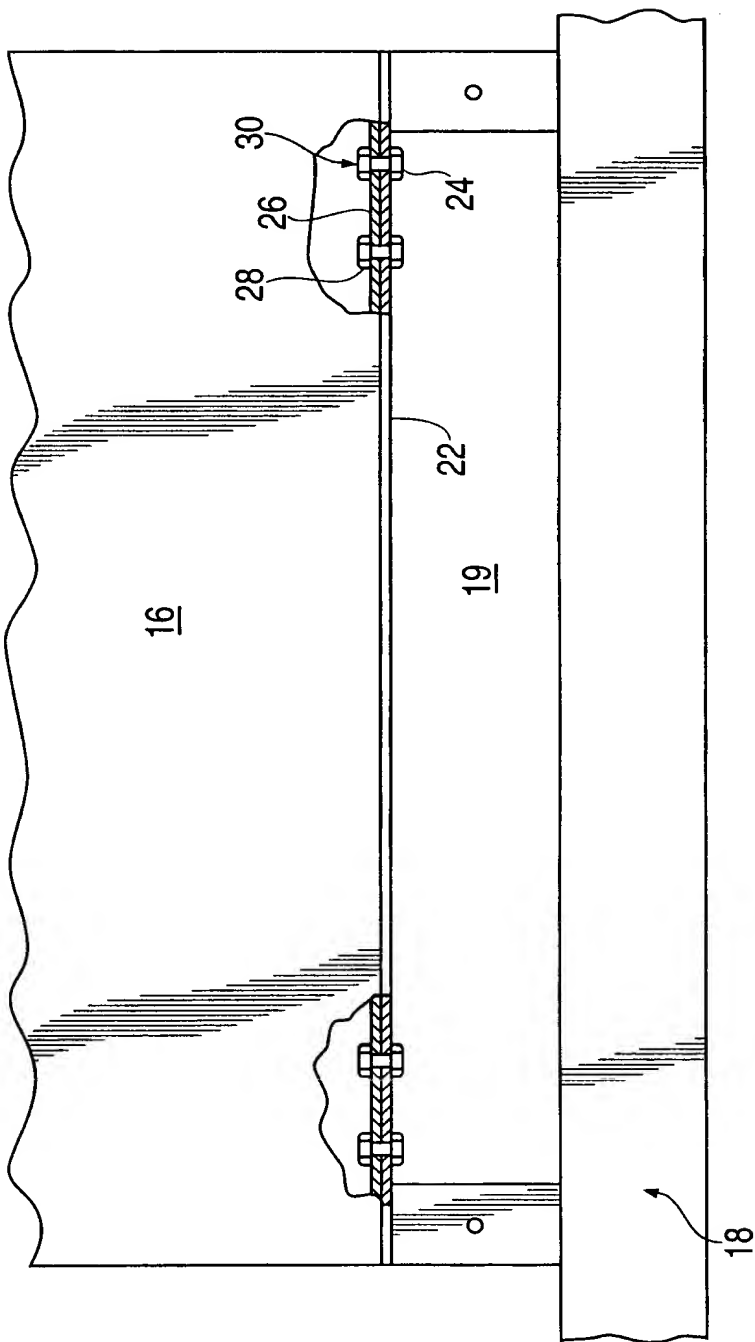
**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



**FIG. 1**  
(PRIOR ART)



**FIG. 2**  
(PRIOR ART)





**FIG. 3**  
(PRIOR ART)

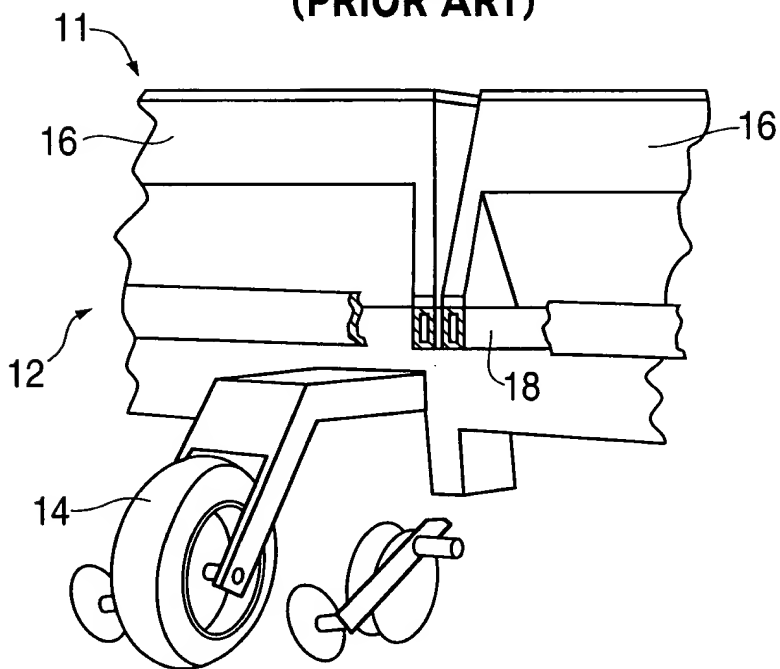
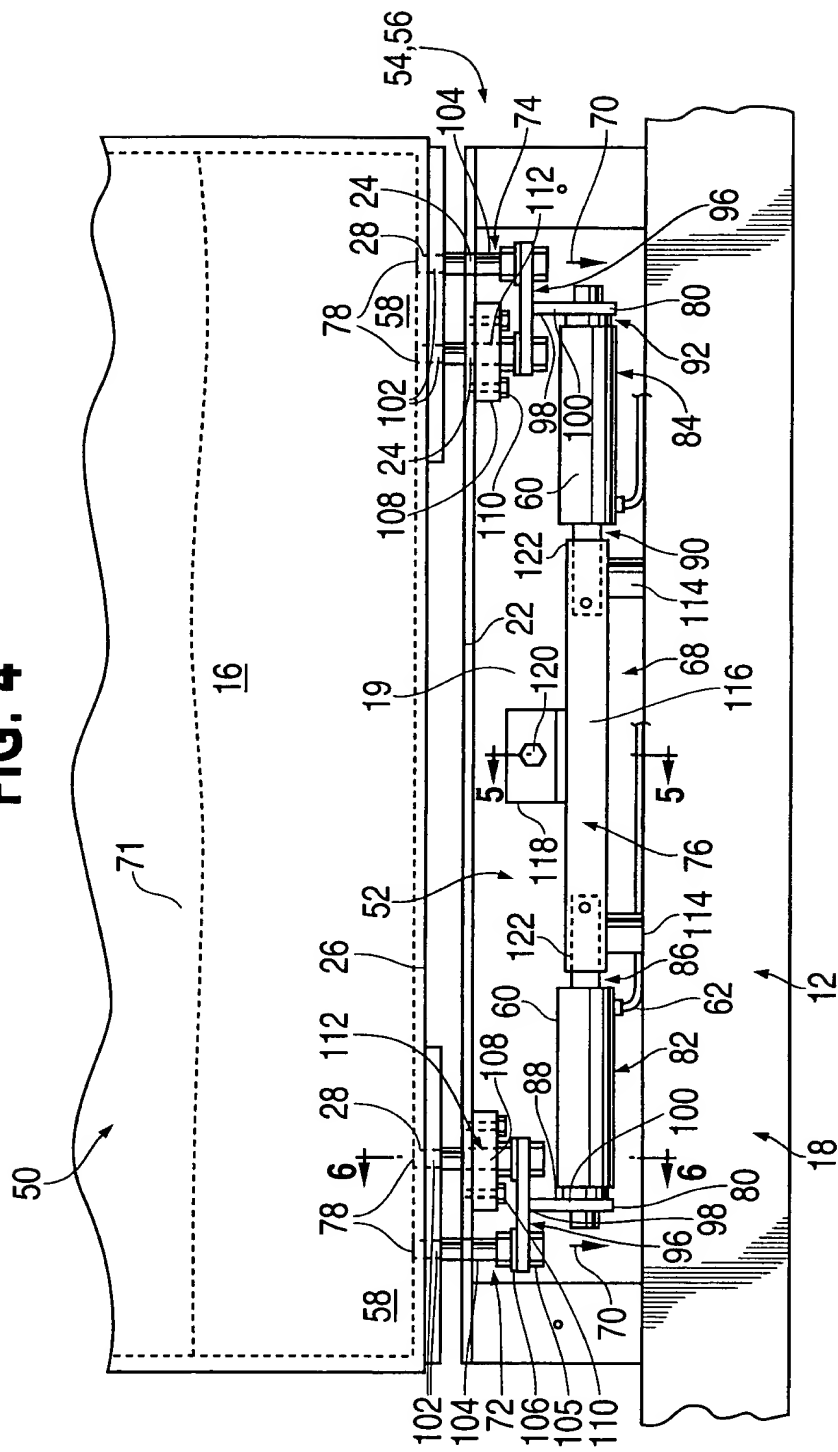


FIG. 4



U.S. PATENT & TRADEMARK OFFICE 8630 MAR 26 2004

FIG. 5

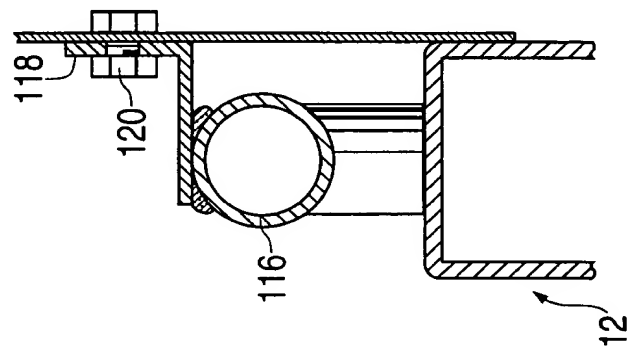


FIG. 6

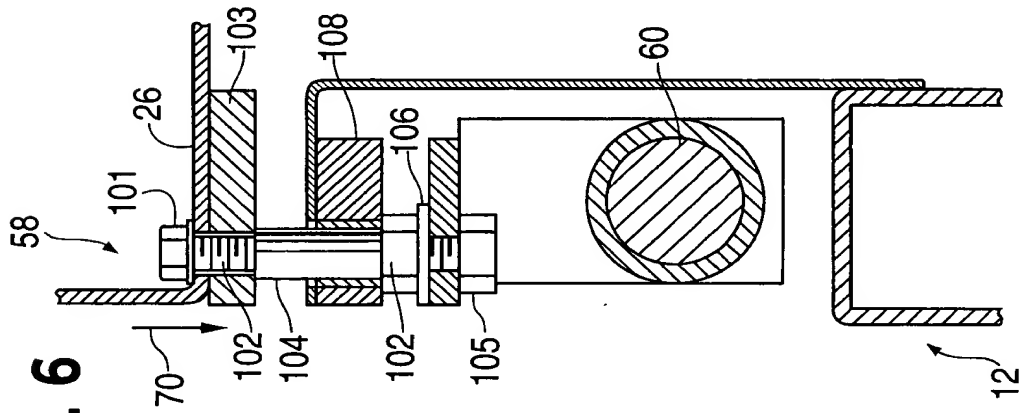
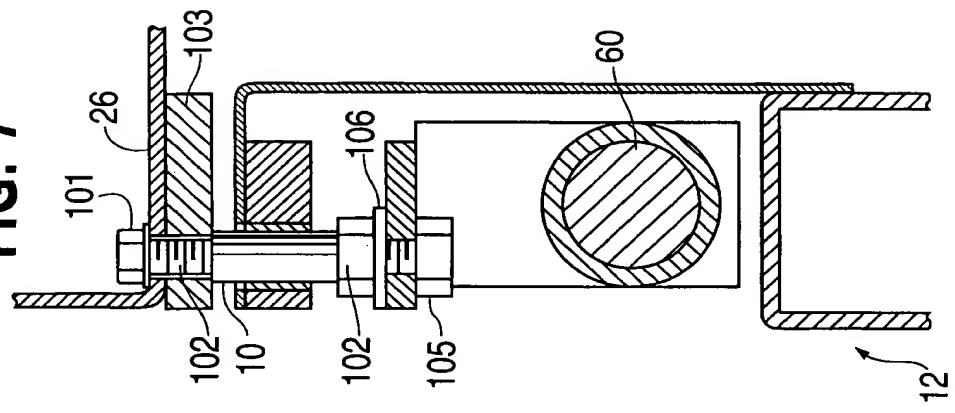


FIG. 7



**FIG. 8**

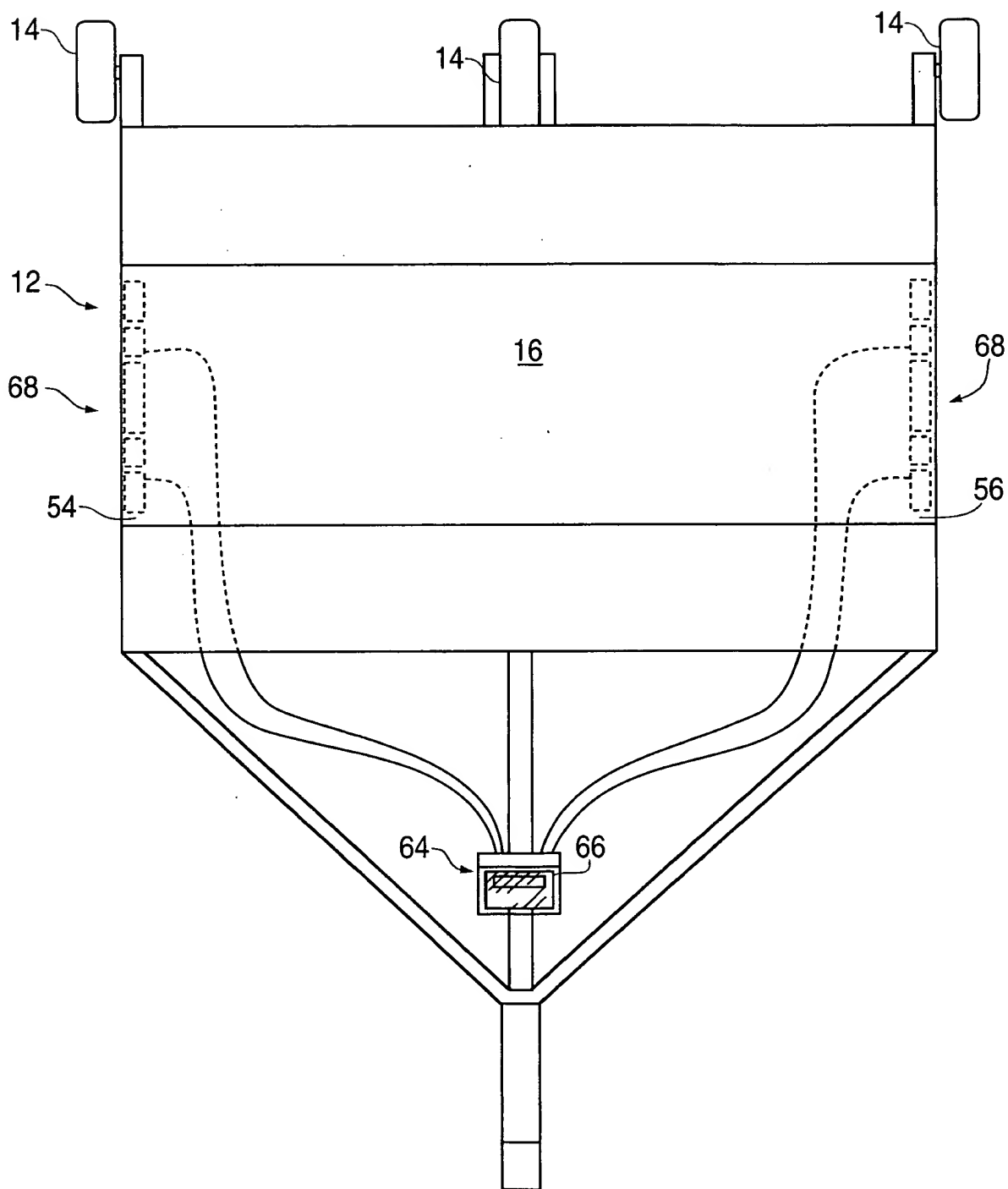
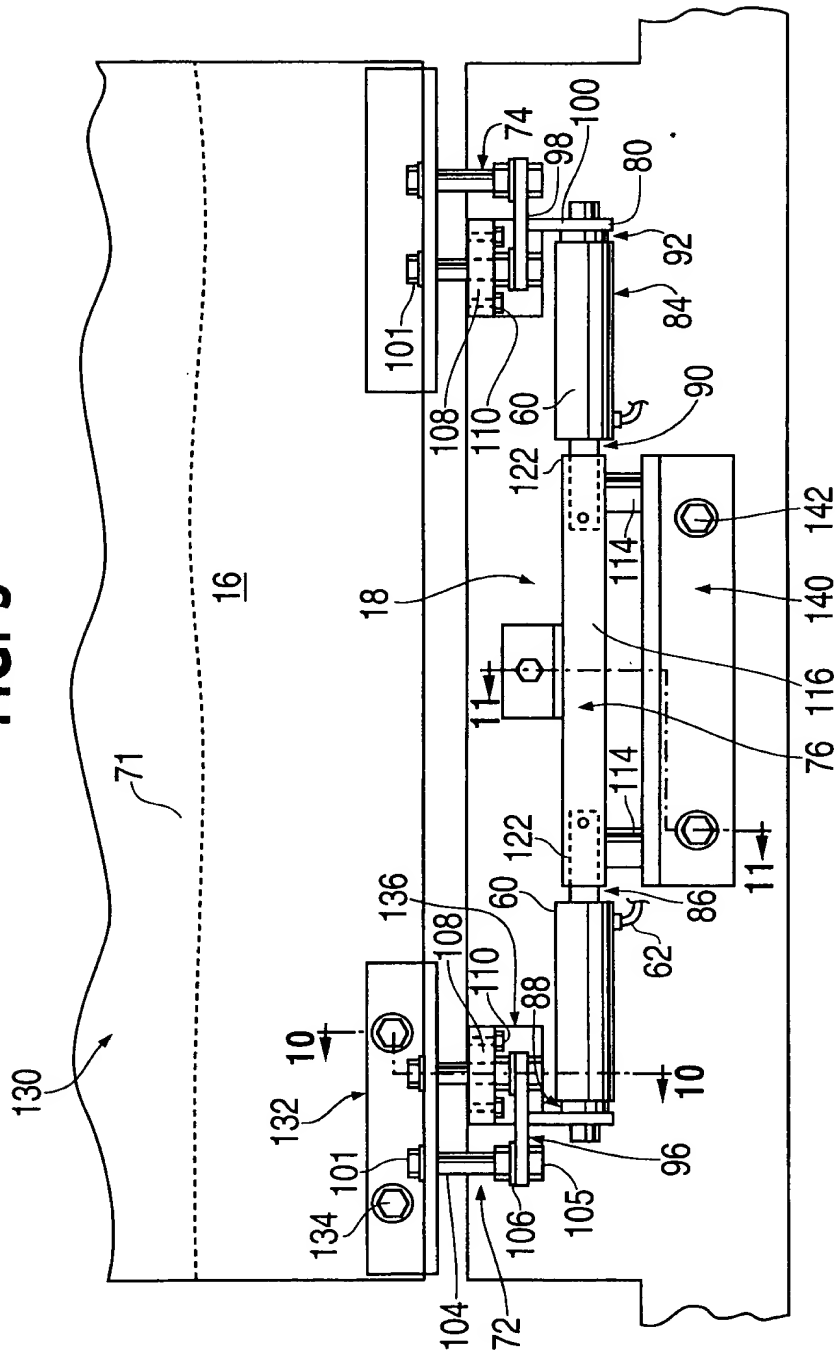


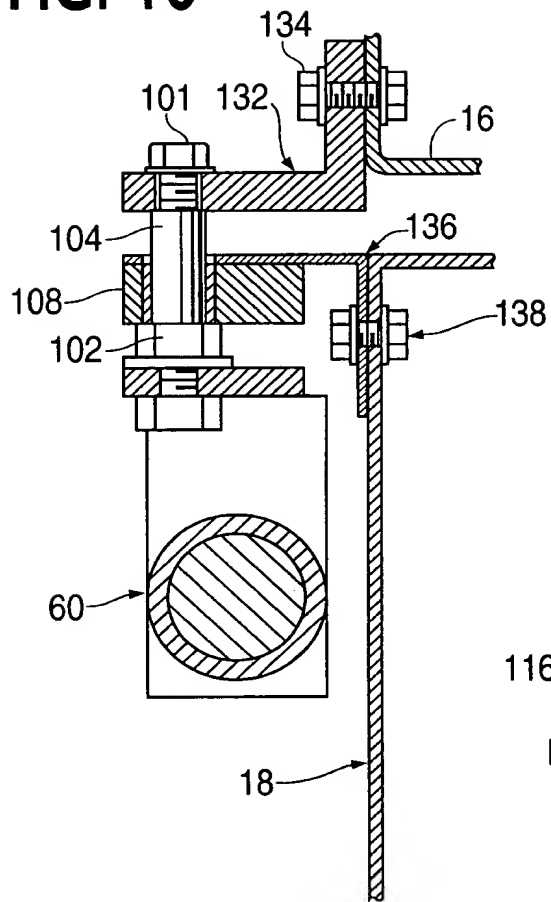
FIG. 9



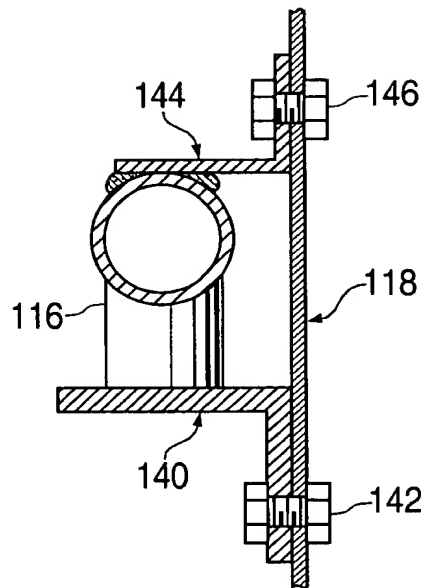


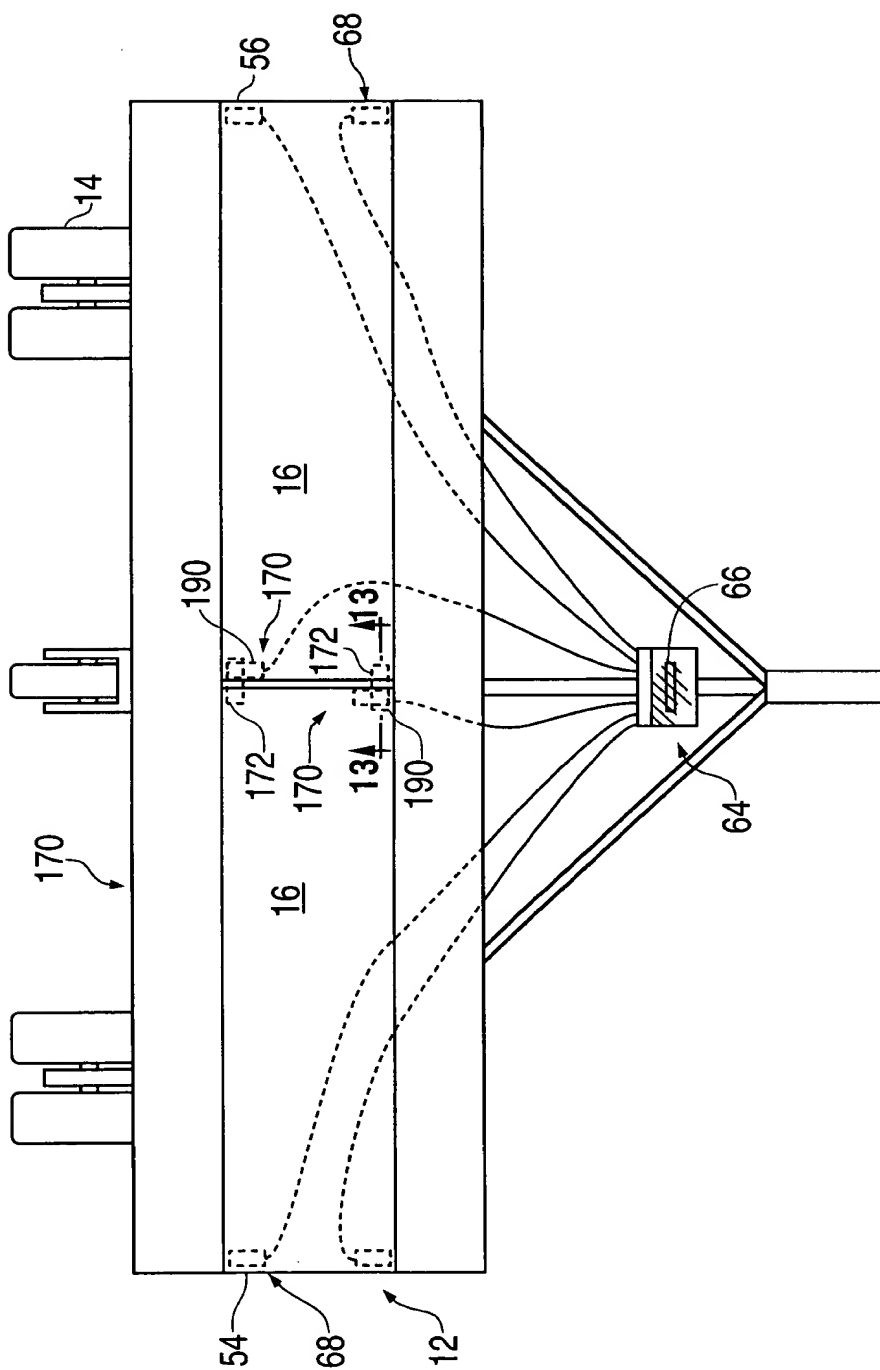


**FIG. 10**



**FIG. 11**



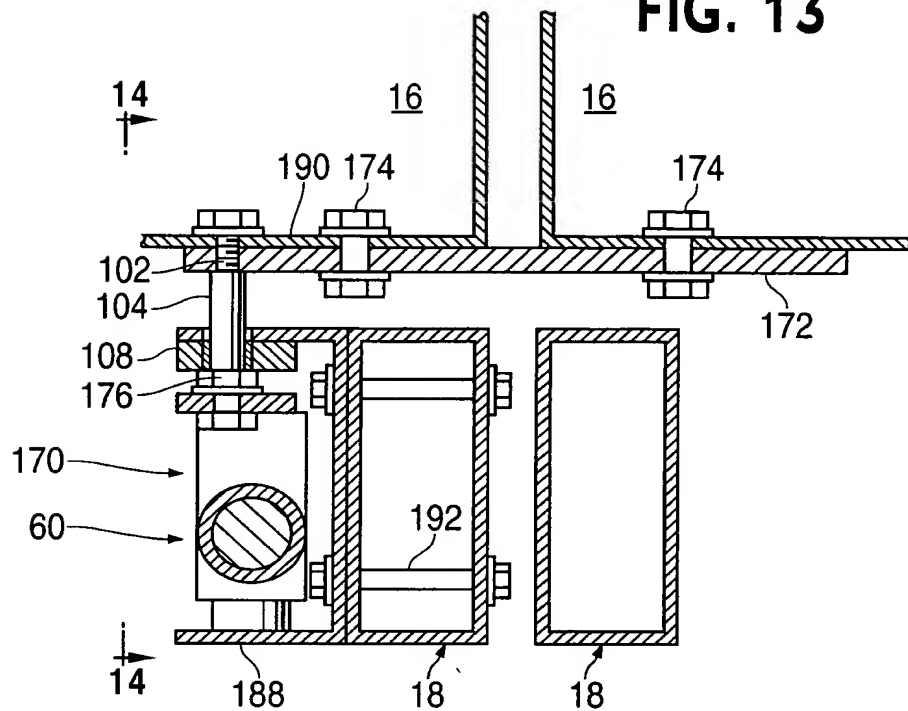


**FIG. 12**





**FIG. 13**



**FIG. 14**

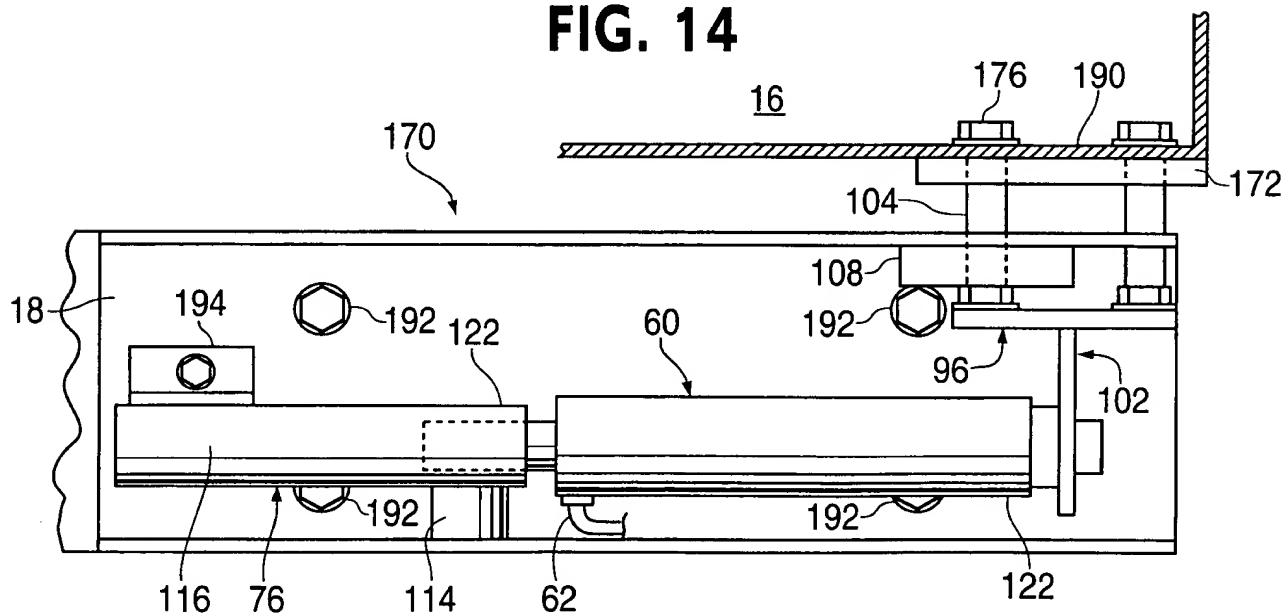




FIG. 15

